

Award Number: W81XWH-15-1-0257

TITLE: Targeting Trypsin-Inflammation Axis for Pancreatitis Therapy in a Humanized Pancreatitis Model

PRINCIPAL INVESTIGATOR: Baoan Ji

CONTRACTING ORGANIZATION: Mayo Clinic Jacksonville
Jacksonville, FL 32224

REPORT DATE: October 2016

TYPE OF REPORT: Annual

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for Public Release;
Distribution Unlimited

The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision unless so designated by other documentation.

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE October 2016		2. REPORT TYPE Annual		3. DATES COVERED 15 Sep 2015 - 14 Sep 2016	
4. TITLE AND SUBTITLE Targeting Trypsin-Inflammation Axis for Pancreatitis Therapy in a Humanized Pancreatitis Model				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER W81XWH-15-1-0257	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Baoan Ji Ji.Baoan@mayo.edu				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Mayo Clinic Jacksonville Jacksonville, FL 32224				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION / AVAILABILITY STATEMENT Approved for Public Release; Distribution Unlimited					
13. SUPPLEMENTARY NOTES					
14. ABSTRACT As you understand, our laboratory was in the process of transferring from Mayo Clinic–Rochester, MN to Mayo Clinic-Jacksonville, FL. Our lab moved to Jacksonville February, 2016. The fund transfer process took a while. Finally it was done in the middle of September, 2016. During the transfer, we have no access to the fund and we were not allowed to do any related research. We just started breeding the necessary mice from then.					
15. SUBJECT TERMS- None listed.					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 3	19a. NAME OF RESPONSIBLE PERSON USAMRMC
a. REPORT U	b. ABSTRACT U	c. THIS PAGE U			19b. TELEPHONE NUMBER (include area code)

Summary of Updated Technical/Progress Report (RE: Ji, Baoan - W81XWH-15-1-0257):

As you understand, our laboratory was in the process of transferring from Mayo Clinic–Rochester, MN to Mayo Clinic-Jacksonville, FL. Our lab moved to Jacksonville February, 2016. The fund transfer process took a while. Finally it was done in the middle of September, 2016. During the transfer, we have no access to the fund and we were not allowed to do any related research. We just started breeding the necessary mice from then.

Although this process inevitably delayed our research, we did proceed with necessary preparations for our future researches.

We have prepared the animal protocol which was approved by both the Mayo IACUC office and the Animal Care and Use Review Office (ACURO). We also processed the Material Transfer Agreement with the institution of the partnership PI. The PRSS1 R122H mice have been shipped and successfully re-derived in their institution. They have made significant progresses as you can see from a separate progress report.

We also transferred the mice from Mayo Clinic-MN to Mayo Clinic-FL. These mice just came out of the required quarantine process. The animal protocol remains the same since it is covered under the institutional review.

We set up monthly video conferences with our partnership PI to discuss any progresses and issues.

During the transfer period, we also recruited two Research Fellows. They have finished many required orientations including the animal facility training.

Currently we have the resources to do our research as planned.